

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3204	"429"/\$.ccls. and ((battery batteries) and (lithium with (transition near2 metal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/15 09:13
L2	483	L1 and ((Li with (Mn Co Ni Cr)) same (combination mixture mixed blend \$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/15 09:13
L3	105	L2 and (Li with Cr)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/15 09:13
S1	1	"10552529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/12 08:36
S2	72	H01m\$8 and ((Li with Cr with Mn) and ((cathode (positive adj electrode)) with (active adj material)))	EPO; JPO; DERWENT	OR	OFF	2008/09/12 08:49
S3	3418	"429"/\$.ccls. and (battery and (lithium with oxide) and ((cathode (positive adj electrode)) near3 (active adj material)))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 09:16
S4	54	S3 and ((active adj material) with (Li with Mn with Cr))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 09:17
S5	669	S3 and ((active adj material) with ("LiCoO <sub>2</sub> ")) and (lithium with manganese with oxide))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 09:18
S6	8	S5 and (Li adj Mn adj O)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 09:58

S7	1	S3 and ("LiCr. sub.0.1Mn.sub.0.9O. sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:00
S8	12	S5 and (((Li\$1Mn \$1)".sub.2") with Cr)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:03
S9	0	S5 and ((Li\$1 adj Mn \$1 adj "O.sub.2") with Cr)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:03
S10	456	S3 and (lithium with manganese with structure)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:06
S11	2100	429/224.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:08
S12	770	S11 and (Cr or chromium)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:08
S13	124	S12 and (Li with Mn with Cr)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:09
S14	12	S11 and ("LiMnO. sub.2") with Cr)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/12 10:20
S15	3655	((JAE) near2 (LEE)). INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:31
S16	114	((MIN) near2 (JANG)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:31
S17	7	((DUK) near2 (RYU)). INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:32
S18	118	((JUN) near2 (JEONG)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:32
S19	835	((HAN) near2 (LEE)). INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:32
S20	101	((SOON) near2 (AHN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/12 10:33
S21	2949	"429"/\$.ccls. and ((battery batteries) and (lithium with (transition near2 metal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/03 08:04
S22	445	S21 and ((Li with (Mn Co Ni Cr)) same (combination mixture mixed blend \$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/03 08:05
S23	98	S22 and (Li with Cr)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/03 08:05
S24	66	S22 and (Li with Cr with Mn)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/03 08:10

S25	37757	"429"/\$.ccls. and (battery batteries ((rechargeable secondary storage nonaqueous) near3 (cell battery)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/14 08:28
S26	4505	S25 and ((Li with Mn) (lithium with manganese))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/14 08:29
S27	5	S26 and ((structural near2 change) same spinel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/14 08:29
S28	6	"0115252"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/14 10:23
S29	0	"13135312"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/14 10:39
S30	0	"13-135312"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/14 10:39
S31	0	"13-0135312"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/14 10:39
S32	0	"130135312"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/14 10:39
S33	0	13-339774	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/14 10:40

10/15/2009 9:13:32 AM

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